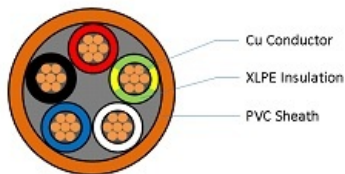


XLPE INSULATED AND PVC SHEATHED CABLE TO AS/NZS 5000.1

CABLE APPLICATION

Description

For mains, submains and subcircuits, unenclosed, in conduit, buried direct or in underground ducts for buildings and industrial plants where not subject to mechanical damage and where out of balance currents may require a neutral equal in size to the active. Suitable where space is at a premium and/or where conditions of overload may occur.



CABLE DESIGN

Conductor

Plain Annealed Copper Conductor to AS/NZS 1125

Insulation

X-90 XLPE to AS/NZS 3808

Core Colours: Red, White, Blue, Black, Green/Yellow

Sheath

5V-90 PVC to AS/NZS 3808

Colours: Orange or Black (Black on request)

Certification

10mm² - 16mm² cables GMA-503279-EA

Note

** Items can be supplied with compacted conductors to AS/NZS 1125

** Items can be supplied with alternative stranding construction to AS/NZS 1125 - 7/19/37/61 strands

** overall dimensions may vary due to compacted conductors

CHARACTERISTICS

Part Number	Conductor				Cable		
	Nom. Area mm ²	No. & Dia. of Wires No./mm	Nom. Dia. mm	Nom. Insulation Thickness mm	Nom. Sheath Thickness mm	Nom. Overall Dia. mm	Approx. Mass Kg/100m
OX7135C4CE	10	7/1.35	4.05	0.7	1.8	18.1	60.9
	E (4.0)	7/0.85	2.55				
OX7170C4CE	16	7/1.70	4.7	0.8	1.8	20.3	85.7
	E (6.0)	7/1.04	3.12				
OX19135C4CE	25	19/1.35**	6.75	0.9	1.8	25.0	127.1
	E (6.0)	7/1.04	3.12				
OX19153C4CE	35	19/1.53**	7.65	0.9	1.8	26.6	170.1
	E (10)	7/1.35	4.05				
OX19178C4CE	50	19/1.78**	8.9	1.0	1.9	30.0	231.2
	E (16)	7/1.70	5.1				
OX19214C4CE	70	19/2.14**	10.79	1.1	2.1	34.9	329.4
	E (25)	19/1.35**	6.78				
OX37178C4CE	95	37/1.78**	12.46	1.1	2.2	39.3	433.9
	E (25)	19/1.35**	6.78				
OX37203C4CE	120	37/2.03**	14.21	1.2	2.4	44.2	531.0
	E (35)	19/1.53**	7.65				
OX37225C4CE	150	37/2.25**	15.75	1.4	2.5	48.8	666.6
	E (50)	19/1.78**	8.9				
OX37252C4CE	185	37/2.52**	17.64	1.6	2.6	54.6	832.2
	E (70)	19/2.14**	10.7				
OX61225C4CE	240	61/2.25**	20.25	1.7	2.8	60.9	1076.3
	E (95)	37/1.78**	12.46				

0.6/1kV XLPE CIRCULAR

CMI Head Office NSW | (02) 9807 6155 | 18-20 Railway Road, Meadowbank NSW 2114 | nswsales@cmielectrical.com.au

CMI QLD-Brisbane

(07) 3863 0749
485A Zillmere Road,
Zillmere QLD 4034
southqldsals@cmielectrical.com.au

CMI QLD - Rockhampton

(07) 4921 0978
Shop 3 at 76 Hollingsworth Street,
North Rockhampton Qld 4701
northqldsals@cmielectrical.com.au

CMI VIC

(03) 9532 1233
3 Dissik Street,
Cheltenham VIC 3192
vicsals@cmielectrical.com.au

CMI WA

(08) 9358 1788
36 Division Street,
Welshpool WA 6106
wasals@cmielectrical.com.au